

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 May 2004 (21.05.2004)

PCT

(10) International Publication Number
WO 2004/041598 A1

(51) International Patent Classification⁷: **B60R 21/16**,
21/20, 21/22

(74) Agent: **MEULLER, Erik**; Autoliv Development AB,
SE-447 83 Vårgårda (SE).

(21) International Application Number:
PCT/SE2003/001693

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:
4 November 2003 (04.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0226042.0 7 November 2002 (07.11.2002) GB

(84) Designated States (*regional*): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **AUTO-
LIV DEVELOPMENT AB** [SE/SE]; SE-447 83 Vårgårda
(SE).

(72) Inventors; and

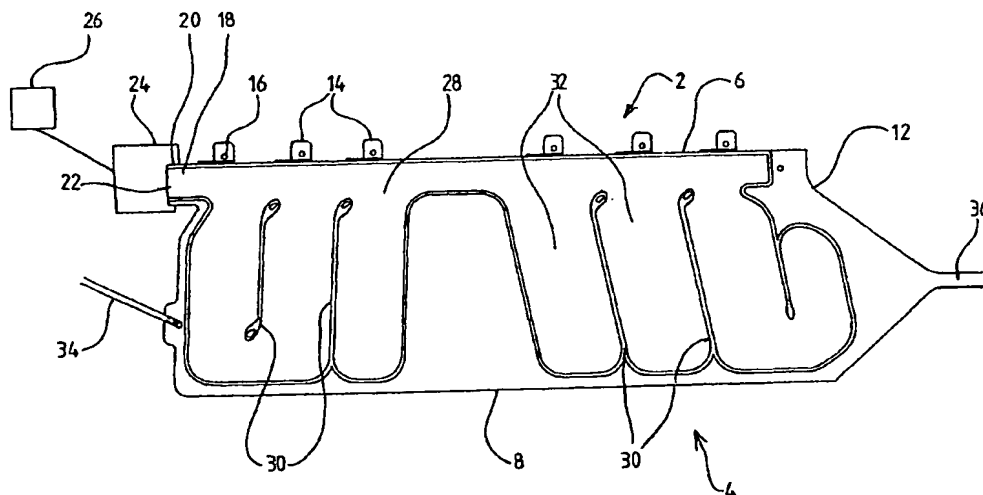
(75) Inventors/Applicants (*for US only*): **BERNTSSON,**
Mats [SE/SE]; Bomgatan 6B, SE-412 64 Göteborg (SE).
JACONEILLI, Hakan [SE/SE]; Gotagatan 20, SE-441 39
Alingsås (SE). **KJELL, Fredrik** [SE/SE]; Ljungvagen 9,
SE-441 10 Alingsås (SE).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **AN AIR-BAG ARRANGEMENT AND A METHOD OF PREPARING AND MOUNTING AN AIR-BAG**



(57) Abstract: An inflatable curtain (2) has an attachment edge (6) provided with mounting elements (14) for mounting the inflatable curtain in a vehicle cabin for deployment beside an interior surface (38) of the vehicle cabin. A gas-flow passage (28) extends along the attachment edge, and communicates with cells (32) defined by parallel seams (30) in an inflatable region (4) which has a lower edge (8). Each mounting element (14) is located between the seams (30) of a respective cell (32). The inflatable curtain is formed from an inboard layer of fabric and an outboard layer of fabric, and is rolled from the region of the lower edge (8) with the roll being adjacent the outboard layer and with part of the inboard layer forming the exterior of the roll.

WO 2004/041598 A1